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President's Message by **Dr. Kimi L. Kondo**

President of AMSER 2016-2017, kimi.kondo@ucdenver.edu
University of Colorado

Dear AMSER Members,

Since the 2016 Annual meeting in San Diego, AMSER has continued to push forward with the task of educating all medical students about Radiology and the importance of Radiologists as valuable members of the multi-disciplinary patient care team. Leading national Radiology organizations have confirmed AMSER as the content experts in Radiology medical student education and we continue to work building and expanding available shared resources for teaching, testing, and assessing students.

Interview season is underway for the 2017 Radiology Match and many of you are busily involved with this process. The results of 2015 brought great angst to our profession due to 33% of Diagnostic Radiology (DR) residency programs going unfilled. In our role as medical student educators, AMSER members probably have the most contact with students and play vital roles as advisors and role models for future Radiologists. AMSER is at the forefront of efforts to increase student exposure to Radiology; in collaboration with ACER, AMSER held a Radiology Medical Student Expo at the University of California, San Diego on April 2, 2016. It was very well received by the over 50 students who attended. A tool kit is available on the AMSER website with materials for you to create your own local event. More information can be found in this newsletter.

The 2016 Match results brought promising news with a decrease to 14% of unfilled DR residency programs. Hopefully we will see even fewer unfilled programs this upcoming year. The 2017 Match brings new challenges with the Interventional Radiology (IR) residency. While this is not the first year that integrated IR positions are available (15 slots at 7 institutions filled in 2016), there are over 100 total spots at 61 accredited integrated IR programs for 2017. I have heard that programs received hundreds of applications for 1-2 spots. Applicants applying to IR residency programs are also applying to DR residency programs creating questions and challenges with regards to advising, interview structure and logistics, and rank lists. Look for sessions addressing these issues at the upcoming 2017 AUR Annual Meeting in Hollywood, FL. AMSER will continue to be involved and work closely with organizations including SIR and APDR.

I highly encourage all members to attend the upcoming 2017 AUR Annual Meeting (May 8-11, 2017) in Hollywood, Florida. The program committee has an exciting program planned and the meeting is a wonderful opportunity to network with caring, innovative, talented, and amazing medical student educators. Active members are the backbone and strength of our organization and I sincerely thank all of you for your tireless work and dedication.

Immediate Past-President's Message

by **Dr. Caroline W. Carrico**

Immediate Past-President of AMSER

carri026@mc.duke.edu



Dear AMSER members,

Hello. I am Caroline Carrico, the immediate past president of AMSER. At the annual meeting of the AUR in 2016, Dr. Robert Novelline suggested that AMSER members should record the history of AMSER. I offered to begin that project. While I can look at old budgets, newsletters and meeting minutes to learn some factual information, it may be rather dry and lack the passion that personal memories carry. So, I have contacted all of the living past presidents and asked them to offer their memories regarding their participation in and leadership of AMSER. I asked them about the development and growth of AMSER during their time in office. I inquired about any unrealized goals that we may be able to revitalize, fond memories of people and mentors, and how involvement in AMSER affected their career. I also asked what they think is the responsibility of current practicing radiologists to medical student education, and how they think AMSER should focus current efforts.

I ask you these same questions. Please feel free to send to me your special memories, and any photos that you would be willing to give to this project. Please contact me via email at: caroline.carrico@duke.edu.

Ultimately, I would like to present this information at future AUR AMSER meetings, perhaps as a verbal presentation or a poster. A paper may develop. Maybe it will evolve into a link on the member website. I think that as the information comes in, the best form of preserving and sharing the information will become apparent.

I hope that AMSER has been a source of support, strength and friendship for you and that you will continue to grow with AMSER.

Sincerely,
Caroline Carrico



Annual Meeting

Program Planning Committee

by Dr. Emily Webb, emily.webb@ucsf.edu

AMSER Sessions at the Upcoming AUR 2017 Annual Meeting

The Program Planning Committee has put together an exciting AMSER program for the 2017 AUR meeting in Hollywood, Florida. AMSER members from across the country will present on a broad range of education topics. Highlights will include: a session on advising and recruiting medical students including the implications of the new integrated interventional radiology residency; hot topics in medical student education including a panel discussion on point of care ultrasound training in medical schools; multiple educator's toolkit sessions full of teaching, scholarship and mentorship tips; and a discussion about ways to instill resiliency in our learners. We hope to see you at the meeting!





by **Dr. Kimi L. Kondo**, kimi.kondo@ucdenver.edu

IR (and DR) residency and the match - Advising students and Advisors

As I mentioned in my President's message, AMSER members interact and advise medical students who are interested in both DR and IR. I believe there is still confusion regarding the various types of programs (Integrated, ESIR, Independent). I have put together this document using information from numerous sources including the IR Residency page on the SIR and SIR RFS website, AMSER members, Spring IR Quarterly, and the SIR RFS webinars.

Resources about IR residency, applying to IR and DR residency:

SIR website: www.sirweb.org

- IR residency page: http://www.sirweb.org/clinical/IR_DR_cert.shtml

SIR RFS (Resident, Fellow, Student) webpage: <http://rfs.sirweb.org/wordpressninstall/>

- ESIR FAQ: <http://rfs.sirweb.org/wordpressninstall/esir-faq/>

AMSER webpage is under "Affinity groups" on the AUR website: www.aur.org

- Applying to Residency Guide can be found on the Medical Student Resources page:
<http://www.aur.org/Secondary-Alliances.aspx?id=161>

Apps of Steel presentation by Petra Lewis MD: https://youtu.be/7wl2_HVjNgo

3 Program formats:

1. Integrated

- a. Apply directly from medical school
- b. 1 year internship followed by a 5 year residency (1 + 5)
- c. Typically, the residency consists of 3 years of DR and 2 years of IR and IR-related rotations
- d. At least one month of ICU experience
- e. Some flexibility for programs to determine when the IR and IR-related rotations take place during the integrated residency
- f. Entire educational experience is provided during the residency

2. Independent

- a. Functions similar to the current fellowship model
- b. Can be either a 2 year IR training program after a conventional radiology residency (7 years total) or a 1 year IR training program after completing an ESIR-approved training program (6 years total)

3. ESIR (Early Specialization in IR)

- a. Completed within a DR residency, which allows residents who have completed a DR residency including the requirements of ESIR to then pursue a 1-year Independent IR residency (1 + 4 + 1) rather than the 2-year Independent IR residency (credit given for first year of Independent IR program so enter into second year)
- b. Curriculum includes MINIMUM of 11 IR or IR-related rotations and 1 ICU rotation during DR residency
- c. MINIMUM of 500 procedures during DR residency
- d. Total 6 years post graduate training

For Class of 2017 (2017 NRMP Match)

- Option 1 (6 years)
1 yr Internship + 5 yrs **Integrated** IR residency
- Option 2 (6 years)
1 yr Internship
Match into ACGME DR residency program developing an **Integrated** IR residency (transfer after ACGME accreditation)
- Option 3a **ESIR** track (6 years)
1 yr internship + 4 yrs DR residency + 1 yr advanced **Independent** IR residency
- Option 3b (7 years)
1 yr internship + 4 yrs DR residency + 2 yrs **Independent** IR residency

Notes:

Within a single institution, it will be possible to transfer between the IR and DR residencies at the beginning of the PGY2, PGY3, or PGY4 year provided qualifications for transfer are met.

Integrated IR programs are listed in ERAS

(https://services.aamc.org/eras/erasstats/par/display8.cfm?NAV_ROW=PAR&SPEC_CD=416) 59 programs are listed here although 61 programs are accredited as of September 2016

Webinars were held for medical students sponsored by SIR-RFS and can be viewed on youtube.com (<https://www.youtube.com/playlist?list=PLC26PxZXvOrqasszqFfp2MtALHnJola3P>)

- 2016 IR Residency Training Committee - Gearing Up for Applications (8/8/16)
- 2016 MSC - IR Residency Applications Program Directors' Perspective (8/29/16)
- Switching from DR to IR (10/4/16)

Questions heard from students include:

1. Should I apply to both DR and IR programs?
2. Did you say you were solely interested in going into IR at DR program interviews? If so, how did the DR programs respond?
3. How emphatic to be about IR or DR if indeed interviewing for both?
4. If I apply to both your DR and IR programs and get offered interviews for both programs, can I interview for both programs on the same day? If so, how will the interviews differ?
5. Should applicants have different elements (eg IR vs DR personal statement, LOR from different specialties, etc) to the IR application as opposed to the DR application?
6. Will DR programs think less of me if I also apply to IR programs and vice versa?
7. If I am interested in IR, should I apply to a DR program that doesn't have an ESIR program?

I am certain there will be additional questions, challenges, and changes after the 2017 Match has ended and the data has been released. I welcome questions you have and any suggestions for needed resources. Please let me know if there are valuable resources not listed that should be disseminated to other AMSER members.



AMSER Radiology Exam Web

Radiology ExamWeb Committee

by **Dr. Petra J. Lewis**, petra.j.lewis@hitchcock.org and
Dr. Stefan Tigges, stigges@emory.edu



Nearly 16,000 students have taken exams using REW.



Radiology ExamWeb

Welcome to Radiology ExamWeb

If you already have a student or instructor account, please login below. If you are an institution that would like to make Radiology ExamWeb available to your students, learn more by [clicking here](#).

Student Login

Username

Password

[Create an Account](#)

LOGIN

[Lost/forgot password](#) | [Change password](#)



Instructor Login

Username

Password

LOGIN

[Click here](#) to learn how to become a new Institutional user

New Logo, New Website

As part of the software updates, we designed a new REW logo (see above).

New Chief Editor in Training

We are delighted to say that Mahan Mathur will be joining Stefan and Petra, with a view to Petra transitioning off (eventually!) as Chief Editor.

AMSER SE

>5200 students have taken the AMSER Standardized Exams

Don't forget that if you want your schools scores compared to the national means, you must use the original shared exam in 'AMSER' Institution and not 'take ownership'.

Radiology ExamWeb Database

Members of the REW committee are writing questions on radiological anatomy this year. We are in the middle of performing our biannual question validation audit via WebEx. There are about 2,500 questions in the database.

New exams

We will be developing one or more radiology-anatomy exams before AUR 2017.

New item writing and editing interface

We now have a new online site to enter and edit questions (<https://amser.knack.com/rew>). This should allow us to both encourage question entry from the greater AMSER group and have a much more efficient 2 level-editing system that will include multiple members of the REW Editorial Board. If any AMSER members wish to contribute questions to the database, they can register at the site and use the easy interface to enter questions.

Funding

In July 2016 we started charging for use of REW. The charge is \$10 per student per 4-year enrollment, of which \$4 comes to AMSER. 1180 students have registered with the system since that date. For this academic year, MedU is paying the subscription for institutions that are CORE subscribers. Next year, these subscribers will have the choice of either paying their own subscription (and having full access to REW), or using a single exam through MedU.

Software updates

The billing interface change induced a major software update both within the administrative module and the user interface. A few administrative module updates have been done, including one that will allow us to 'clean up' the shared exam section. Major updates will be done to allow billing and charging.

Our thanks to the committee for their help and support.

Petra Lewis MB.BS, FACR and Stefan Tigges MD

AMSER Radiology ExamWeb Editorial Board Chief Editors

Rules Committee Update 2016

by **Dr. Carl R. Fuhrman**, fuhrcr@upmc.edu



An area of active discussion at the Executive Committee level is the length of term for committee members. Our current bylaws indicate:

The Alliance will have the following standing committees whose members will be chosen by the President with the exception of the Nominating Committee. Unless otherwise provided by the Executive Committee, the term for all committee appointments is three years with overlapping tenure and with one three-year re-appointment possible.

The Executive Committee is considering changes to the current bylaws regarding length of term (if any) for standing committee members. This will be discussed at the Executive Committee meeting at RSNA. Any changes will require a change to current bylaws that will be presented to the AMSER membership and will require a vote by the members at our next AUR meeting.



Shared Resources Update

by **Dr. Andres Ayooob** andres.ayooob@uky.edu

The Shared Resources Committee has been working, in conjunction with other AMSER committees, on the “Building Blocks” project. This is a project to create a centralized, comprehensive, and nationally-recognized resource for medical student education by pairing high-yield learning objectives with peer-reviewed resources. We are currently in the process of recruitment and development. Specifically, we have begun assigning volunteers to one or more of the designated project “topic areas,” researching available educational materials and pedagogies for presenting these materials, and gathering existing resources. Our next set of goals will be to critique and edit these materials and begin to format them into a user-friendly, cohesive set of resources to be available to Radiology educators and medical students at all medical institutions.

As this is a comprehensive, large-scale medical student educational project, your help and expertise are needed. If anyone would like to contribute your time and/or any teaching material to this project, please contact me (andres.ayooob@uky.edu).



Curriculum Committee

by **Matthew Hartman, M.D.** at mshhartman@gmail.com

The Curriculum Committee has been working in conjunction with the Shared Resources committee on the “Building Blocks” project. This is a project to create a centralized, comprehensive, and nationally-recognized resource for medical student education by pairing high-yield learning objectives with peer-reviewed resources (PowerPoint lectures, video tutorials, etc.).

We are recruiting AMSER members to create, modify, and organize the resources and hope to have these resources available by RSNA 2016.

Jeanne Hill and Matthew Hartman recently published their experiences creating a radiologic pathology correlation in *Academic Radiology* (2016 July; 23 (7):889-93. The course is designed as an advanced radiology elective for fourth year students. We have learning objectives and are tweaking the curriculum. The rotation has resulted in several case reports for our medical students. Many other medical schools are also starting this integrated and fun elective.

Matthew Hartman and Sarah Thomas (R3 resident from Allegheny General Hospital) did an electronic presentation for RSNA entitled “The Medical Student Bucket List: Must Sees in the Radiology Department before Graduation.” Please check it out at RSNA and let us know what you think. We have consolidated a list of experiences in the radiology department that we have our students complete while on rotation. Each activity has associated questions that the students have to answer and allows students to be active learners.

Please let us know what you think or if you have any ideas/materials for the curriculum committee.



AMSER Membership Committee

by **Alex Grieco, M.D.**, cgrieco300@yahoo.com

Greetings to the AMSER Membership! I hope this message finds you well, during an invariably busy time in the year. As our students progress along their interview trail, and as many of us prepare for the invigorating trip to Chicago (Cleveland fans not withstanding :/), here are some brief updates:

“By the Numbers”

AMSER continues to shine, in terms of representation, among the affinity groups of the AUR. As reflected by the programming from San Diego and the various ongoing initiatives provided in support of student educators, the strength of AMSER lies not in the numbers, but in the quality and dedication of our many dedicated and contributive members. Our overall census is slightly decreased from where we were last year at this time (293 currently, compared to 322 last year). However, within this number, there is a higher proportion of educators who have renewed their membership. Also, our AMSCR membership has increased to 17 from 12. Within these data, the two-fold membership mission — recruitment and retention — is implicit, and in need of our ongoing, active efforts. Paraphrasing from our immediate past president, Dr. Caroline Carrico, the goal of bringing one new colleague to the “AMSER table,” within our educational activities over this academic year, remains a more that fitting goal.

“Roll Call”

I will soon be calling on the AMSER Membership Committee members to help in updating our listing of the designated faculty member or faculty members who lead medical student education in radiology at each of the U.S. and Canadian medical schools. This list was initially compiled by Dr. Donna Magid, and undergoes an update at the approximate mid-point of the membership year. Representation in AMSER is substantial, but remains well below 100%. Focused recruitment for these “go-to” faculty is an important goal, as a means of bringing awareness of and access to AMSER to as many of our educators as possible. Please take a moment to send me the name of your institution’s primary medical student educator(s):

cgrieco300@yahoo.com

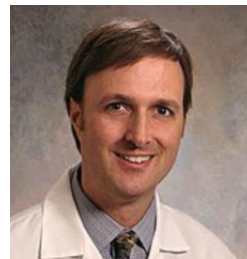
“Study In Progress”

I am currently working with our president, Dr. Kimi Kondo, and with members of the APDR Board of Directors, to construct a resource addressing common questions, and common areas of uncertainty with regard to the continually evolving landscape of the IR-DR residency process. We are certainly well into the interview cycle for the 2017 Match. As our collective knowledge and experience grows — from the standpoint of student educators and selection committees along both paths — we will make this information available to aid all levels of student advising, going forward.

All my best for a pleasant, productive November!

Long Range Planning Committee Update

by **Dr. Christopher M. Straus** cstraus@uchicago.edu



As previously described, imaging education in medical school curricula remains deeply inconsistent. The Long Range Planning Committee has been targeting this discrepancy and in pairing up with a Task Force, with playing the leading role in the development of unified materials. AMSER was confirmed as the content experts by the leading Radiology professional organizations and endorsed our two year project to oversee the development of materials internally referred to as “Building Blocks”. Though in need of a new name, it was initially chosen to demonstrate the need for programming that was all inclusive and represented interchangeable parts that each program can adopt or not at will, constructing a program that was better yet specifically augmented their existing and potentially established programming already in place.

The Task Force has charged AMSER with coalescing current practices which is underway currently, with subsequent highlighting of “best practices by the end of the 2016-17 academic year. Materials should represent multiple perspectives and the following 18 months will focus increasingly on ease of use and dissemination. AMSER is excited to be in this position and the validation this group provides.

Long Range Planning Committee again is working closely with the AMSER Curriculum and Resources committees given that these two committees if not merged, communicate regularly to prevent internal duplication with AMSER.

Long Range Planning welcomes any all additional comments or ideas from all AMSER members. Please feel free to reach out and relay any concerns or thoughts.

See everyone in Florida in May!

AMSER Radiology Expo Month

SEPTMEBER IS RADIOLOGY EXPO MONTH!

Following the 1st successful AMSER Radiology Open House at UCSD in April 2016, the American College of Radiology declared September as Medical Student Radiology Open House EXPO month (1). The Penn State Health Student Interest Group (RING) held our 2nd EXPO in late AUG 2016. Following our 1st EXPO in SEP 2014, we were able to share many of our planning and publication resources with AMSER who has placed them on the Educator Resource tab on the AMSER website (<https://www.aur.org/Medical-Student-Expo-Tool-Kit/>) for universal use.

There are several lessons we would like to share with AMSER members. We found our 2nd EXPO, in late AUG had poorer attendance compared to our 1st (in mid SEP) despite good publicity. We feel it might be a result of too many open house and activity fairs just as the academic year opens so we suggest a mid-late SEP date for optimal turnout. Second, we had planned on having a raffle with prizes at the end, and found it was just not necessary; students, faculty and residents tend to drift away by the end of the evening. We did give away free pens at the door-that's enough!

Other lessons: keep it short(5-7pm), get lots of radiology faculty and resident involved with stations that show what we do, and have food at the end where students and radiologists can mingle. When you advertise, make sure students know this does not require any obligation to radiology but to "just come check us out!" Let radiologists know the date in plenty of time so they can be available and see if your Chair will award contact time credit to sweeten the participation deal.

Our department has now been invited to additional open houses to tell students about radiology. We have designed a FAQ sheet as we found students ask the same questions over and over. We will make these FAQ sheets available on the AMSER EXPO resources site for all to use. Let's get students interested in radiology beyond those commonly asked questions and start deeper conversations about why we love what we do and why they might as well!

Radiology- our time is now!



by **Janet Neutze, MD.**

Associate Professor Radiology, Penn State Health

1. ACR Bulletin JULY 2016:71: 7,4.

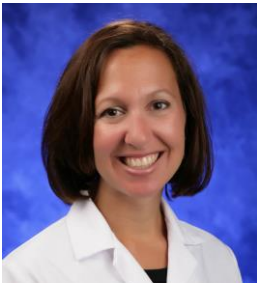
Note from the Editor

by **Dr. Alison L. Chetlen**

AMSER Member-at-Large

Penn State Hershey Medical Center

achetlen@hmc.psu.edu



I hope everyone is doing well. I think I speak for everyone on the executive board that we looking forward to the upcoming 2017 AMSER meeting in Hollywood, Florida. The AUR annual meeting is the perfect place to share ideas and explore new opportunities for collaboration with colleagues.

2017 Annual Meeting

AUR 65th Annual Meeting
Leading Change and Bringing Value

May 8-11, 2017

The Diplomat Beach Resort

Hollywood, Florida

**(In conjunction with SCARD, APDR, A3CR2, ACER,
AMSER, RAHSR, RRA, APCR, SNMMI)**

Call for Members

AMSER is the only national organization for academic radiologists with a particular interest in medical student education. Our goals:

- To encourage excellence in Radiology education to medical students at a local, national and international level
- To develop a standardized curriculum for medical students
- To promote Radiology as an essential component of UME curricula
- To develop and distribute resources for medical student education
- To encourage, support and aid the promotion of medical student educators in academic radiology

Do you know faculty or trainees who would benefit from AMSER membership?

Please help us reach them! Apply for membership @
<http://aur.org/Secondary-Alliances.aspx?id=145>



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